

AMENDMENTS TO THE CLAIMS

Please cancel claims 38 and 39, amend claims 29 and 31, and insert new claims 42-51, as follows. A complete listing of pending claims is provided below.

1. (Canceled)
2. (Previously Presented) The vaso-occlusive device of claim 29, wherein the member comprises a coil.
3. (Previously Presented) The vaso-occlusive device of claim 31, wherein substantially all of the length of the member has a serpentine shape when the member is in the relaxed condition.
4. (Previously Presented) The vaso-occlusive device of claim 31, wherein the serpentine shape is located adjacent to one of the ends of the member when the member is in the relaxed condition.
5. (Canceled)
6. (Previously Presented) The vaso-occlusive device of claim 29, wherein one of the ends of the member is electrolytically detachable from a delivery device.
7. (Previously Presented) The vaso-occlusive device of claim 31, wherein the serpentine shape comprises an amplitude of about 5-30 millimeters.

8. (Previously Presented) The vaso-occlusive device of claim 31, wherein the member, when tensioned in a stretched condition, has a length at least 15 times an amplitude of the serpentine shape.
9. (Previously Presented) The vaso-occlusive device of claim 29, wherein one of the ends of the member has a substantially J-shaped tip.
10. (Previously Presented) The vaso-occlusive device of claim 29, further comprising a plurality of fibers fixedly attached to the member.
11. (Previously Presented) The vaso-occlusive device of claim 29, further comprising a polymeric fiber substantially covering the member.
12. (Original) The vaso-occlusive device of claim 11, wherein the polymeric fiber is wrapped around and onto a circumferential surface of the member.
13. (Previously Presented) The vaso-occlusive device of claim 29, wherein the member is stretch-resistant.
- 14-28. (Canceled)
29. (Currently Amended) A vaso-occlusive device, comprising:

a member having a first end, a second end, and a length extending between the first and the second ends, the member having a first curvilinear portion and a linear portion located next to the first curvilinear portion, the linear portion being relatively straight, wherein the first curvilinear portion ~~having a first end and a second end, the linear portion having a first end and a second end,~~ wherein the first end of the linear portion connects to the second end of the first curvilinear portion, ~~and the second end of the linear portion is located closer to the second end of the first curvilinear portion than the first end of the first curvilinear portion resembles a parabola, with an end segment of the first curvilinear portion connecting to, and forming an angle with, the linear portion~~ when the member is in a relaxed configuration.

30. (Previously Presented) The vaso-occlusive device of claim 29, wherein the member further having a second curvilinear portion.

31. (Currently Amended) The vaso-occlusive device of claim 30, wherein the first curvilinear portion and the second curvilinear portion collectively form a serpentine shape.

32. (Previously Presented) The vaso-occlusive device of claim 30, wherein the first curvilinear portion and the second curvilinear portion are located immediately next to each other.

33. (Previously Presented) The vaso-occlusive device of claim 30, wherein the first curvilinear portion and the second curvilinear portion are spaced from each other.

34. (Previously Presented) The vaso-occlusive device of claim 30, wherein the first curvilinear portion is proximate to the first end of the member, and the second curvilinear portion is proximate to the second end of the member.

35. (Previously Presented) The vaso-occlusive device of claim 30, wherein the first curvilinear portion comprises an upper curve, and the second curvilinear portion comprises a lower curve.

36. (Previously Presented) The vaso-occlusive device of claim 30, wherein the first curvilinear portion has a first peak and the second curvilinear portion has a second peak, and a first line connecting the first peak and the second peak does not intersect a second line extending between the first and the second ends.

37. (Previously Presented) The vaso-occlusive device of claim 29, wherein the first curvilinear portion lies approximately within a plane.

38. (Canceled)

39. (Canceled)

40. (Previously Presented) The vaso-occlusive device of claim 29, wherein the linear portion is rectilinear.

41. (Previously Presented) The vaso-occlusive device of claim 29, wherein the first curvilinear portion and the linear portion are formed together as parts of the member.

42. (New) A vaso-occlusive device, comprising:

a member having a first end, a second end, and a length extending between the first and the second ends, the member having a first curvilinear portion and a linear portion located next to the first curvilinear portion, the linear portion being relatively straight, wherein the first curvilinear portion has an end segment that connects to, and forms an angle with, the linear portion when the member is in a relaxed configuration.

43. (New) The vaso-occlusive device of claim 42, wherein the member further having a second curvilinear portion.

44. (New) The vaso-occlusive device of claim 43, wherein the first curvilinear portion and the second curvilinear portion collectively form a serpentine shape.

45. (New) The vaso-occlusive device of claim 43, wherein the first curvilinear portion and the second curvilinear portion are located immediately next to each other.

46. (New) The vaso-occlusive device of claim 43, wherein the first curvilinear portion and the second curvilinear portion are spaced from each other.

47. (New) The vaso-occlusive device of claim 43, wherein the first curvilinear portion is proximate to the first end of the member, and the second curvilinear portion is proximate to the second end of the member.

48. (New) The vaso-occlusive device of claim 42, wherein the member comprises a coil.

49. (New) The vaso-occlusive device of claim 42, wherein one of the ends of the member is electrolytically detachable from a delivery device.

50. (New) The vaso-occlusive device of claim 42, further comprising a plurality of fibers fixedly attached to the member.

51. (New) The vaso-occlusive device of claim 42, further comprising a polymeric fiber substantially covering the member.